

# \* MSD MEDIA MONITOR \*

## For Grit Blast Cleaning/Aircraft Paint Stripping



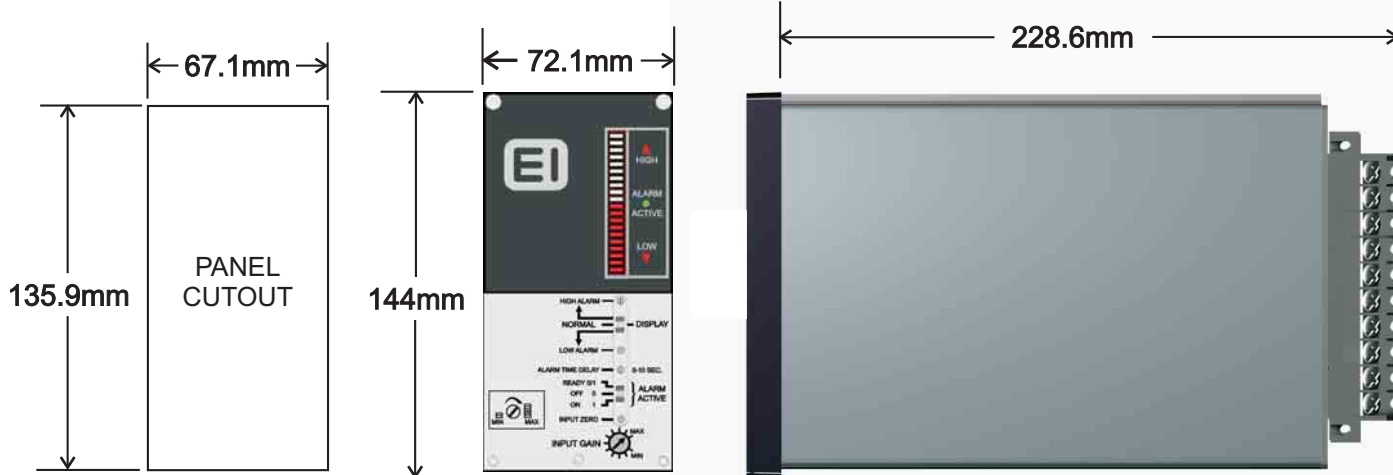
- \* Independently Adjustable High and Low Alarms
- \* Bar Graph Display
- \* Excitation Output for Nozzle Sensor
- \* 0-5Vdc Input Range

The Model MSD abrasive blast cleaning and aircraft paint stripping Media Flow Monitor is designed for use in all types of ( ferrous and non-ferrous ) peening applications to display media flow rate. The high and low independently adjustable alarm points can be used to signal unusual flow conditions and is especially useful in indicating clogged feed valves or low abrasive media supply.

CAUTION: This product has been designed to measure media density at the nozzle. For proper control, system air pressure must also be monitored.

**ELECTRONICS INCORPORATED**  
**SHOT PEENING TECHNOLOGY**

# \* MODEL MSD MEDIA MONITOR \*



All adjustments available behind front panel access plate

### MOUNTING INSTRUCTIONS

PANEL CUT-OUT IS 5.35" X 2.64" ( 135mm X 67mm )

**WARNING:** DO NOT REMOVE FACE PLATE OR BEZEL

**MOUNTING STEPS**  
 1. REMOVE TOP AND BOTTOM SLIDE RAILS FROM UNIT  
 2. SLIDE CONTROLLER INTO PANEL FROM FRONT  
 3. SLIDE RAILS BACK INTO CONTROLLER AND TIGHTEN USING SET SCREWS.

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Note: All views shown with front access plate removed

## Wiring Connections

1. Power Neutral (120Vac)
2. Power Hot (120Vac)
3. Enable Input (120Vac)
4. Earth Ground
5. High Alarm Relay Contact
6. High Alarm Relay Contact
7. Low Alarm Relay Contact
8. Low Alarm Relay Contact
9. Alarm Reset (120Vac)
11. (+) 12Vdc Excitation Output
12. (-) 12Vdc Excitation Output
13. (+) 5vdc Reference
14. 0-5 Vdc Input
15. 0 Vdc
16. Sensor Shield
19. 0 Vdc
20. Recorder Output (0-10Vdc)

NOTE:  
Green screw for earth-chassis ground used for shield termination.

## Specifications

**Power:** 120Vac, 50/60 Hertz, 50VA

**Inputs:**  
 Media Sensor: 0 - 5vdc Analog Voltage  
 Enable: 90 - 120Vac  
 Alarm Reset: 90-120Vac

**Outputs:**  
 Recorder output: 0-10Vdc Analog Voltage  
 Alarm Contacts: Voltage free normally open contacts rated at 120Vac @ 1Amp max  
 Excitation Voltage: +/- 12Vdc (100mA)

**Weight:** 1.4 kg  
**Display:** 20 Segment Bar Graph